

Title (en)
SHOCKWAVE GENERATOR

Title (de)
STOSSWELLENGENERATOR

Title (fr)
GÉNÉRATEUR D'ONDES DE CHOC

Publication
EP 3318204 A1 20180509 (EN)

Application
EP 16197716 A 20161108

Priority
EP 16197716 A 20161108

Abstract (en)
Shockwave generator (1) comprising a body (3) with a channel (5) extending between an applicator head and an end section, an electromagnetically driveable impactor slideable in the channel, and at least one coil magnet for thrusting the impactor (11). The shockwave generator comprises a control unit (17) programmed to reverse the polarity of the at least one coil magnet. The polarity of the one coil magnet is reversed when the impactor magnet (11) is bounced by a bouncer magnet (19).

IPC 8 full level
A61B 17/22 (2006.01); **A61B 17/225** (2006.01); **G10K 15/04** (2006.01); **A61B 17/00** (2006.01)

CPC (source: EP)
A61B 17/22004 (2013.01); **A61B 17/225** (2013.01); **G10K 15/043** (2013.01); **A61B 2017/00137** (2013.01)

Citation (applicant)
DE 202010009899 U1 20101014 - ZIMMER MEDIZINSYSTEME GMBH [DE]

Citation (search report)
• [XY] EP 1426014 A2 20040609 - OLYMPUS CORP [JP]
• [YDA] DE 202010009899 U1 20101014 - ZIMMER MEDIZINSYSTEME GMBH [DE]
• [YA] US 2015063624 A1 20150305 - KANTOR KENNETH L [US], et al
• [YA] DE 102004042895 A1 20050609 - STORZ MEDICAL AG KREUZLINGEN [CH]
• [A] US 6149656 A 20001121 - WALZ VOLKER [DE], et al

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3318204 A1 20180509; EP 3318204 B1 20200212

DOCDB simple family (application)
EP 16197716 A 20161108